



Engineered Computer Appliance



Professional recorder for medium-large scale facilities

**Built-in with
network redundancy.
Ideal for factory
installations.**



Factories and large workshops deserve a scalable surveillance system. The EX Series allows you to start small, and then grow your system to include up to 64 cameras. It is also highly configurable to your specific needs and feature network redundancies to help ensure video feeds are never lost.

- Ultimate processing technology for up to 64 HD channel inputs
- Automatic network fail-over feature to ensure uninterrupted operation
- Live display in Full HD
- Hybrid system that can capture a combination of both analogue and high definition (HD) IP feeds
- Up to 90 days of continuous video storage with 9 hot swap HDD bays
- Automatic daily hard disk drive health check, disk guard and recording activity for potential CCTV no recording monitoring.

Storage	Dedicated Video Storage Nine hot swap HDDs bay for dedicated video storage support nine 3.5-inch SATA HDDs. One external hot swap able SSD for OS use only. For Ease on system maintenance and support.	Video storage configurations 720HD@64CH, 30days: 36TB (4TBx 9unit) 720HD@32CH, 60days: 36TB (4TBx 9unit) 720HD@16CH, 90days: 36TB (4TBx 9unit) 1080HD@32CH, 30days: 36TB (4TB x 9unit) 1080HD@16CH, 60days: 36TB (4TB x 9unit)
Display	Triple monitor output supported DVI* / HDMI / DP Max resolution 4096x2304 (4k, HDMI/DP) Max resolution 1920x1200 (DVI*) *Supports DVI to VGA Conversion	Live Display Performance (for HDCCTV) 1080HD 32CH (2.86Mbps) 07FPS each CH 1080HD 24CH (2.86Mbps) 12FPS each CH 720HD 64CH (1.43Mbps) 07FPS each CH 720HD 32CH (1.43Mbps) 12FPS each CH NOTE: Performance may very depend on IP cameras integration efficiency.
Hardware Platform (ECA 3.5)	Networking Dual LAN (RJ45 connector) 10/100/1000Base-T Gigabit Ethernet Fail-over redundant network (2Gbps) Heartbeat Programmable micro controller for system auto healing and monitoring. Digital I/O. connectable to CMS Alarm. 12-hour self sustain with in-built lithium polymer battery.	Processor, memory, audio Intel Xeon E3 Quad-core 8 threads processor 8GB ECC system memory, 1600MHz DDR3 Audio line out jack, 3.5mm (Green) Security Key 128-bit Blowfish encryption algorithms. Paired uniquely for each machine. For system authentication, save settings and system recovery
Software Built-in (ECA3.5)	Operating system (OS) Triple Layer ECA-OS version 4.2. 64bits OS architecture. OS core engine powered by Microsoft ® Windows Embedded 7. System monitoring software Guardian software watchdog for NVR, which monitors application and general system health.	Video surveillance software Supported NVR: Axxon Next, LuxRiot, NUUO, Exacq Vision, MileStone, Vivotek, Axis, Geovision, AverMedia, HikVision. (*Contact us for other supported software) Intelligent software sensors Smart Logic, video content monitoring sensors, with automatic daily hard disk drive health check, disk guard, disk activity monitoring for potential CCTV no recording activity, and network traffic in/out activity monitoring.
Electrical & Dimension	Power consumption Line voltage: 240V AC Frequency: 50Hz, single phase Power outputs: 450W (max) Continuous power consumption: 300W	Size & weight Depth: 465mm Width: 430mm Height: 176mm Approx. Weight: 23kg Form factor: 4U rack mount 
Service & Warranty	3* years international phone support 3* years extended hardware warranty 3* years carry-in next business day parts replacement * with optional TrueBlue™ Care Support Pack (Default system warranty is with 1 year only) Purchase the TrueBlue™ Support Pack to extend your warranty to three years and TrueBlue™ Professional for “machine failed” onsite support from your purchase date. Carry-in support centre at TrueBlue CC@IOI Boulevard, Puchong, Selangor D.E. Malaysia.	
Models & Configurations	NNN-EXAADDMM-PPTBSSH Example: AXN-EX0016SC-16TB09HS Axxon NVR Software, EX Series, 0CH analog, 16CH IPCCTV, configured in server client mode, and 16TB HDDs with 9 hot swap bay	NNN : video surveillance software code AA : no of channel for analog inputs from dvr card DD : no of channel for IP based CCTV license MM : mode. (SC) server client with live display. (SM) server mode for video processing only without live display. PP : factory pre-built video storage HDDs (xxTB)

ECA design and built by: **GSF Corporation**

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Learn more about the entire ECA series: www.gsf.com.my

